



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

Bangladesh Material Testing Laboratory Ltd.

Plot#997(1st & 2nd floor), Road#9/A

Avenue-11, Mirpur DOHS, Dhaka-1216, Bangladesh

This is to certify that this

Testing Laboratory

is accredited in accordance with the international standard

ISO/IEC 17025:2017

in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number : 01.023.15
Accreditation Date : 02 June 2015
Date of Issuance : 07 October 2018
Date of Expiration : 01 June 2021




Md. Monwarul Islam
Director General

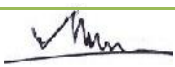
This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

SCOPE OF ACCREDITATION

(For Testing Laboratory)

CAB Name & Address:	Bangladesh Material Testing Laboratory, Plot # 997 (1st and 2nd Floor), Road # 9/A, Avenue-11, Mirpur DOHS, Dhaka-1216, Bangladesh.		
Accreditation Standard:	ISO/IEC 17025:2017	Accreditation Date:	02 June 2015
Certificate Number:	01.023.15	Issued on:	07 Oct 2018
Last Amended on:	12 March 2020	Valid until:	01 June 2021
Amendment no:	NA		

S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
Field: Mechanical Testing				
1	Geotextile/ Geosynthetics	Geotextiles-Determination of mass per unit area	ISO 9864:2008	10-2000 g/m ²
2	Geotextile/ Geosynthetics	Geosynthetics-Determination of Thickness at specified Pressures	BDS ISO 9863-1:2008	0.1-10mm
3	Geotextile/ Geosynthetics	Geosynthetics-Wide-width tensile test.	ISO 10319:2015	0.01-250 kN/m
4	Geotextile/ Geosynthetics	Geosynthetics- Static Puncture Test (CBR Test)	BDS ISO 12236:2008	2-50000N
5	Geotextile/ Geosynthetics	Geotextiles and geotextile-related products- Determination of water permeability characteristics normal to the plane, without load.	ISO 11058:2010	0-400mm head difference
6	Geotextile/ Geosynthetics	Geotextiles and geotextile-related products- Determination of the characteristic opening size.	ISO 12956:2010	40-300μm
7	Geotextile/ Geosynthetics	Geotextiles and geotextile-related products- Determination of the resistance to weathering.	BS EN 12224:2000	0-100%
8	Geotextile/ Geosynthetics	Deterioration of Geotextiles by Exposure to Light, Moisture and Heat in a Xenon Arc Type Apparatus	ASTM D 4355:2014	0-100%
9	Geotextile/Geosynthetics	Abrasion Resistance of geotextiles	BAW guideline	0-100%



 Quality Manager

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S.N.	Products/ Materials/ Items of test	Type of tests performed	Specifications/ Standard test methods/Techniques used	Range of testing/Limit of detection
10	Geotextile/ Geosynthetics	Tensile Test for Joints/Seam by wide width Method	BDS ISO 10321:2008	2-50000N
11	Geotextile/ Geosynthetics	Grab Breaking Load and Elongation of Geotextiles	ASTM D 4632:2015	2-50000N
12	Geotextile/ Geosynthetics	Determination of Tensile Strength and Elongation	DIN EN 29073-3	2-50000N
13	Geotextile/ Geosynthetics	Index puncture resistance of geomembrane and related products	ASTM D 4833:2007	2-50000N
14	Geotextile/ Geosynthetics	Determining Apparent Opening Size of a Geotextile	ASTM D 4751:2012	40-300µm
15	Geotextile/ Geosynthetics	Standard Test Method for Trapezoid Tearing Strength Of Geotextile	ASTM D 4533-04: 2009	2-50000N

Field: Chemical Testing

01	Geotextile/Geosynthetics	Determination of polymeric light stabilizer in polypropylene	BMTL/Analytical/SOP/001 (Ref: W. Freitag Method-1983)	200-700nm
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 Quality Manager